This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1-7. (Previously Cancelled).

8. (Currently Amended) A data and telecommunications transmission method configured to transmit a plurality of data streams between a receiving terminal and a transmitting terminal via at least one fixed network and another network, the another network comprising links with variable bandwidth and quality, and the fixed network being controlled by a resource reservation protocol, the method comprising:

updating a specific resource reservation corresponding to a specific data stream at an upstream node in the fixed network when a downstream node of the another network is unable to maintain a predetermined transmission quality for the specific data stream;

shunting temporarily the specific data stream at the upstream node; and

utilizing temporarily the specific resource reservation at the upstream node for other traffic while still maintaining the correspondence of the specific resource reservation and the specific data stream for future reactivation.

9. (Currently Amended) The method according to Claim 8, further comprising:

updating the specific resource reservation corresponding to the specific data stream at the upstream node in the fixed network when the downstream node of the another network is once again able to maintain the predetermined transmission quality for the specific data stream;

canceling the shunting of the specific data stream at the upstream node; and

utilizing the specific resource reservation at the upstream node for the specific data stream.

3 1
10. (Previously Added) The method according to Claim 8, said another network comprising:

a radio network including a radio channel.

4 3
11. (Previously Added) The method according to Claim 10, further comprising:

using an interface between the downstream node and the radio channel to set a limit regarding a total number of data streams that can be transmitted from the transmitting terminal to the receiving terminal.

5 1
12. (Previously Added) The method according to Claim 8, further comprising

using hierarchical coding to prioritize the plurality of data streams.

6 1
13. (Previously Added) The method according to Claim 8, further comprising

controlling the temporary reallocation of resources in the fixed network so that, when multicast traffic is being transmitted, the specific data stream in the upstream node is shunted without affecting other receiving terminals of the multicast traffic.

7 4
14. (Previously Added) The method according to Claim 11, wherein said using an interface comprises:

receiving and processing momentary information about a transmission capacity of the radio channel.